

Create testing class

Project URL= <https://www.ebay.com/>

1. Create 10 testcases for
 - 1.Login
 - 2.Multiple searches using array list or array
 - 3.Add to cart
 - 4.delete from cart
 - 5.Change login name
 6. change current address
 - 7.shop by categories
 - 8.select particular product right click on that product image and find out description of that product.
 - 9.shop by all categories and check whether this function is working fine or not
 10. change the language of your application using setting

```

package TestNG_basic;
import org.openqa.selenium.By;
import org.openqa.selenium.JavascriptExecutor;
import org.openqa.selenium.Keys;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.interactions.Actions;
import org.testng.annotations.Test;
public class PageClass {

    WebDriver driver;

    By email=By.id("userid");
    By pass=By.id("pass");
    By cont=By.id("signin-continue-btn");
    By search=By.id("gh-ac");
    By submit=By.id("sgnBt");
    private By search_btn;
    private By addToCartBtn;
    private By removeFromCartbtn;
    private CharSequence clear;

    public PageClass(WebDriver driver)
    {
        this.driver=driver;
    }
    @Test(priority = 1)
    public void email_in()
    {

```

```
driver.findElement(email).click();  
driver.findElement(email).clear();
```

```
driver.findElement(email).sendKeys("sanjanapenugon  
nda3@gmail.com");  
}
```

```
public void pass_in()  
{  
    driver.findElement(pass).click();
```

```
driver.findElement(pass).sendKeys("Sanjana@123");  
}
```

```
public void con_in()  
{  
    driver.findElement(cont).click();  
}
```

```
public void submit_in()  
{  
    driver.findElement(submit).click();  
}
```

```
@Test(priority = 2)  
public void search_in() throws InterruptedException  
{  
    driver.findElement(search).click();  
    driver.findElement(search).sendKeys("watch");
```

```

        driver.findElement(search).sendKeys(Keys.ENTER);
        driver.findElement(search).sendKeys(clear);
        Thread.sleep(3000);

    }

    @Test(priority = 3)
    public void testAddToCart() throws
    InterruptedException {
        WebElement searchBox =
driver.findElement(By.id("gh-ac"));
        searchBox.clear();
        searchBox.sendKeys("iPhone 14");
        driver.findElement(By.xpath("//*[@id=\"gh-
search-btn\"]/span")).click();
        Thread.sleep(3000);

        // 2. Select first product

driver.findElement(By.xpath("//*[@id=\"item29154cb96d
\"]/div/div[1]/div/a/div/img")).click();

        // Switch to product page tab
        for (String handle :
driver.getWindowHandles()) {
            driver.switchTo().window(handle);
        }
    }

```

```

        // 3. Click Add to Cart
        WebElement addToCartBtn =
driver.findElement(By.xpath("//*[@id=\"atcBtn_btn_1\"]/
span/span"));
        addToCartBtn.click();

        Thread.sleep(3000);
    }
    @Test(priority = 4)

    public void removecart() {
        WebElement removecart =
driver.findElement(By.xpath("//*[@id=\"mainContent\"]/
div[1]/div[6]/ul/li[2]/div[1]/div/div[2]/div[3]/div/div/div[1]
/div[2]/div/div/div/div[1]/a/span/span"));
        removecart.click();
        WebElement remove =
driver.findElement(By.cssSelector("button[data-test-
id=\"cart-remove-item\"]"));
        remove.click();

    }

    @Test(priority = 5)

    public void changeloginname() throws
InterruptedException {

```

```
        // 3. Navigate to Personal Info
        driver.findElement(By.linkText("My
eBay")).click();
        Thread.sleep(2000);

        driver.findElement(By.linkText("Summary")).click();
        Thread.sleep(2000);
```

```
        // Go to Account Settings -Personal Info

        driver.findElement(By.linkText("Account")).click();
        Thread.sleep(2000);
```

```
        driver.findElement(By.linkText("Personal
Information")).click();
        Thread.sleep(3000);
```

```
        // 4. Click edit on Name

        driver.findElement(By.xpath("//a[contains(text(),'Edit')
and contains(@href,'name')]")).click();
        Thread.sleep(2000);
```

```
        // 5. Change name
        WebElement firstName =
        driver.findElement(By.id("firstname"));
        firstName.clear();
        firstName.sendKeys("Sanju");
```

```

        WebElement lastName =
driver.findElement(By.id("lastname"));
        lastName.clear();
        lastName.sendKeys("Penugonda");

        driver.findElement(By.id("saveBtn")).click();
        Thread.sleep(3000);
    }
@Test(priority = 6)

    public void shopByCategoriesTest() throws
InterruptedException {
        try {
            driver.get("https://www.ebay.com/");

driver.findElement(By.xpath("//*[@id=\"gh\"]/section/div
/div/div/button/span")).click();

driver.findElement(By.linkText("Electronics")).click();
            System.out.println("Shop by Categories
Test: Executed");
        } catch (Exception e) {
            System.out.println("Shop by Categories
Test Failed: " + e.getMessage());
        }
    }
@Test(priority = 7)
public void shopByAllCategoriesTest() {

```

```

        try {
            driver.findElement(By.id("gh-cat")).click();
            driver.findElement(By.linkText("See all
categories"))).click();
            System.out.println("Shop by All Categories Test:
Executed");
        } catch (Exception e) {
            System.out.println("Shop by All Categories Test
Failed: " + e.getMessage());
        }
    }
}

```

```

@Test(priority = 8)
public void productDescriptionTest() throws
InterruptedException {
    // 1. Search for product
    driver.findElement(By.id("gh-
ac")).sendKeys("headphones");
    driver.findElement(By.xpath("//*[@id=\"gh-search-
btn\"] /span")).click();
    Thread.sleep(3000);

    // 2. Find first product image
    WebElement productImage =
driver.findElement(By.cssSelector(".s-item img"));

    // 3. Perform Right-Click
    Actions actions = new Actions(driver);
    actions.contextClick(productImage).perform();
}

```



```
Thread.sleep(2000);
```

```
    System.out.println("Right-click performed on  
product image ");
```

```
}
```

```
@Test(priority = 9)
```

```
public void languageChnage() throws
```

```
InterruptedException {
```

```
    WebElement country =
```

```
driver.findElement(By.cssSelector("button[class=\"gf-  
flag__button\"]"));
```

```
    country.sendKeys(Keys.ENTER);
```

```
    Thread.sleep(2000);
```

```
    driver.findElement(By.linkText("Spain")).click();
```

```
    }
```

```
}
```